

# TS-CPM

## Cathodic Protection Monitor



*The TS-CPM is the perfect solution for automatically monitoring the performance of corrosion protection systems.*

### APPLICATIONS

The TS-CPM was designed to monitor impressed current cathodic protection systems.

- Ideal for use at any fueling site using a cathodic protection system (rectifier) to protect steel tanks against corrosion
- Continuously monitors status of cathodic protection units and communicates the information to any INCON tank gauge via RS-485 interface
- Allows users to gather real time information on performance of their rectifiers
- Helps user to meet environmental compliance reporting regulations by automating data collection from the rectifier and generating reports

### CAPABILITIES

The TS-CPM gathers data from the rectifier and then relays the information to the INCON Tank Sentinel® Automatic Tank Gauges.

- Measures voltage and current from the rectifier to the anode by connecting the TS-CPM device to the rectifier's electrical lines
- Monitors rectifier outputs with user-programmed alarm thresholds
- Generates alarms to alert the user of a power failure or disabled rectifier
- Provides on-demand reports documenting the last 12 month's of rectifier regulatory test data
- Allows user to remotely monitor the status of cathodic protection systems at a site through the use of INCON's System Sentinel™ remote fuel management software
- Automates data collection of the rectifier readings and eliminates the need for manual record keeping
- Protected from environmental elements in plastic environment-resistant, UL rated 4X NEMA enclosure

### FEATURES

- ▶ Easy to use and install
- ▶ Does not require separate power supply
- ▶ Provides remote indication of cathodic protection status
- ▶ Gathers all relevant voltage and current information from the rectifier
- ▶ Compatible with INCON Automatic Tank Gauges
- ▶ Facilitates corrosion protection reporting

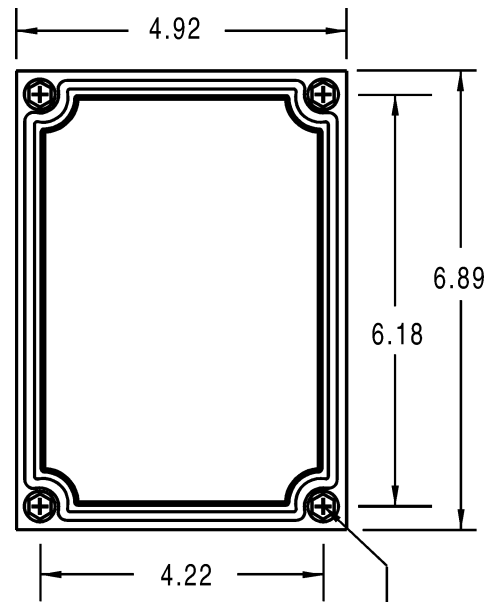
## SPECIFICATIONS

### GENERAL

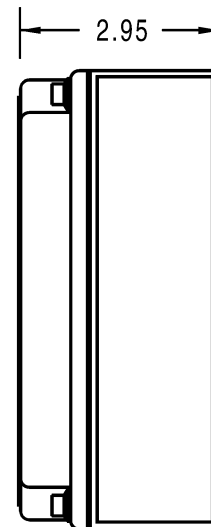
Communication	RS-485
Voltage Range	5 VDC to 80 VDC rms
Current Range	0 A to 10 A
Power Requirements	Provided by rectifier
# of Rectifiers Supported	1
Tank Sentinel Interface	Yes
Safety	Enclosed in NEMA 4X enclosure
Operating Temperature	-20 to 60° C (-4 to 140° F)
Humidity	10% - 90% non condensing
Dimensions (W x H x D)	4.92 in. x 6.89 in x 2.95 in

### TS-CPM DIMENSIONS

All measurements are in inches



(4) #8 MOUNTING HOLES UNDER COVER, HOLD-DOWN SCREWS



## ORDERING INFORMATION

TS-CPM

Cathodic Protection Monitor



An ISO 9001 registered company



FOR MORE INFORMATION CALL:

**800-872-3455**

Or Visit: [www.intelcon.com](http://www.intelcon.com)

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